

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1-42. (Cancelled)

43. (New) An isolated or recombinant polypeptide that comprises a sialyltransferase polypeptide;
wherein the sialyltransferase polypeptide has α -2,3-sialyltransferase activity, and
wherein the sialyltransferase polypeptide is encoded by an α -2,3-sialyltransferase nucleic acid which is amplified by PCR using a first primer comprising SEQ ID NO:46 and a second primer comprising SEQ ID NO:47.

44. (New) The isolated or recombinant polypeptide of claim 43; wherein the sialyltransferase polypeptide has α -2,3-sialyltransferase activity and α -2,8-sialyltransferase activity.

45. (New) The isolated or recombinant polypeptide of claim 43; wherein the sialyltransferase polynucleotide sequence is a *Campylobacter* sialyltransferase polynucleotide sequence.

46. (New) The isolated or recombinant polypeptide of claim 43; wherein the sialyltransferase polypeptide further comprises a tag for purification.